

Date: Fri, 24 Jun 94 21:03:33 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #701  
To: Info-Hams

Info-Hams Digest                      Fri, 24 Jun 94                      Volume 94 : Issue 701

Today's Topics:

                    "73's" (3 msgs)  
          Anyone USE DTMF Paging ? (2 msgs)  
            Denver-Boulder Field Day  
            Licensing delays  
            Mark Your Calendars Now!  
            ORBS\$175.2L.AMSAT  
            ORBS\$175.WEATH.AMSAT  
          RFI re: words for alphabet (3 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 24 Jun 94 15:39:27 GMT  
From: spcuna!starcomm.overleaf.com!n2ayj!n2ayj@RUTGERS.EDU  
Subject: "73's"  
To: info-hams@ucsd.edu

In article <2ud3g7\$at1@tadpole.fc.hp.com> paulc@fc.hp.com writes:  
>So, apparently, the name "CW" had nothing specifically to do with Morse code  
                                    ^^                                    ^^^^^

"73's" is "wrong"  
"CW" is "wrong"

While we're at it, MORSE is wrong. His assistant Vail came up with the  
di-dah code to replace Morse's cumbersome "count clicks and look it up  
in a dictionary" code. Vail also did much of the work on the telegraph  
itself, but Morse got the credit for the invention, just as Edison did  
for many things invented and discovered by HIS assistants.

No, I'm not a revisionist, just a trivia hound.

It's a hobby, kids. Remember a hobby? Something you do for FUN...

Thanks for the use of the bandwidth.

--

Stan Olochwoszcz, N2AYJ

n2ayj@n2ayj.overleaf.com

\*\*Tax, title, dealer prep, and destination charges not included.\*\*

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Date: Fri, 24 Jun 1994 20:47:22 GMT

From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!  
travelers.mail.cornell.edu!news.kei.com!wang!dbushong@network.ucsd.edu

Subject: "73's"

To: info-hams@ucsd.edu

n2ayj@n2ayj.overleaf.com (Stan Olochwoszcz N2AYJ) writes:

>It's a hobby, kids. Remember a hobby? Something you do for FUN...

Finally.

An intelligent comment in this thread.

--

Dave Bushong, Wang Laboratories, Inc.

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Date: 24 Jun 1994 21:55:31 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!spool.mu.edu!sdd.hp.com!swrinde!gatech!  
newsxfer.itd.umich.edu!europa.eng.gtefsd.com!library.ucla.edu!psgrain!  
news.tek.com!tekig7!gau.landm@network.

Subject: "73's"

To: info-hams@ucsd.edu

In article <772472367.12snx@n2ayj.overleaf.com> n2ayj@n2ayj.overleaf.com (Stan Olochwoszcz N2AYJ) writes:

>It's a hobby, kids. Remember a hobby? Something you do for FUN...

Well, some of us think it's fun to argue about "73s" and "destinated".  
We don't criticize your way of enjoying the hobby; don't criticize  
ours.

--

Michael A. Gauland gaulandm@tekig7.PEN.TEK.COM  
AA7JF (503) 627-5067

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Date: Fri, 24 Jun 1994 02:45:33 GMT  
From: ihnp4.ucsd.edu!nntp.ucsb.edu!mustang.mst6.lanl.gov!nntp-server.caltech.edu!  
news.cerf.net!usc!cs.utexas.edu!uwm.edu!mixcom.com!kevin.jessup@network.ucsd.edu  
Subject: Anyone USE DTMF Paging ?  
To: info-hams@ucsd.edu

In <2uci95\$6oh@tadpole.fc.hp.com> paulc@fc.hp.com (Paul Christofanelli) writes:

>Sanjay Uppal (uppal@cup.hp.com) wrote:

>On DTMF paging...

>: Unfortunately the current drain in receive with page mode  
>: on is the same as normal receive regardless of who is  
>: on the air (your callee or Joe Q. Random).

>But, the battery saver should still work when no one is talking. And  
>since there's no audio, the current drain should be somewhat less even  
>when someone is talking.

On My Alinco DJ580T dual band HT, it will go out of battery saver  
mode when DTMF squelch is enabled. This is apparently so that the  
radio will not miss the first tone in the sequence. A distinct  
possibility if it happens to be in "sleep mode" when the first  
tone arrives. Thus, it would not see then entire sequence and  
break squelch.

--  
/\'\_ \_ \_ \_ \_ kevin.jessup@mixcom.com | Vote Libertarian!  
{ \_ \_ \_ \_ \_ }/ |  
\\_ \_ \_ \_ \_ / N9SQB, ARRL, Amateur Radio | Call 1-800-682-1776  
|\_\_\*| N9SQB @ WA9POV.#MKE.WI.USA.NA | for more information.

-----  
Date: 24 Jun 1994 16:43:51 GMT  
From: ncd.com!newshost.ncd.com!hansen.ncd.com!phil@decwrl.dec.com  
Subject: Anyone USE DTMF Paging ?  
To: info-hams@ucsd.edu

In article <062394164548Rnf0.78@dreaml.wariat.org>, jga@dreaml.wariat.org (Jon  
Anhold N8USK) writes:

|> uppal@cup.hp.com (Sanjay Uppal) writes:

|>  
|> >2. The two repeaters I have tried do not pass DTMF codes. So while  
|> > the paging works fine simplex, I have not been able to get it to work  
|> > thru a repeater. Is there a list available of the repeaters that are  
|> > DTMF page friendly ? (actually if I find just a couple in the Bay Area  
|> > I'd be happy).  
|>  
|> Well, most of the repeaters I use have ACC RC-850 controllers. They are  
|> configured so that if you key up and press '#', then all other tones you  
|> press until you un-key will not be muted. That way, I can sit in DTMF  
|> squelch, and my friends can key up with '#225' for example, and it will  
|> open my squelch and tell me somebody is looking for me.

Doing this in an uncontrolled manner will disturb many repeaters who are linked. You send an innocent code to open up the squelch of you HT and in the process that same code could turn off a repeater, break a link, start a phone patch, etc.

NEVER, NEVER attempt to pass DTMF tones on a repeater without talking to the control operators first. Your little test could have disasterous results.

As a result of hams trying this feature with out permission, many ACC repeater owners have disabled this feature (myself included), because they do not want unathorized activity on the repeater.

Remember, when you use a repeater you are using someone else's equipment and license... It is like going over to a friends house for a visit!

Phil

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Date: Fri, 24 Jun 1994 21:10:12 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!spool.mu.edu!sdd.hp.com!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!lwjames@network.ucsd.edu  
Subject: Denver-Boulder Field Day  
To: info-hams@ucsd.edu

Where are some sites that are welcoming visitors this Field Day weekend in the Denver-Boulder area? Thanks in advance for letting us all know.

-----  
Date: 24 Jun 1994 13:24:34 GMT  
From: newsgate.watson.ibm.com!watnews.watson.ibm.com!vinod@uunet.uu.net  
Subject: Licensing delays

To: info-hams@ucsd.edu

In article <2ucnla\$grp@gerald.cc.utexas.edu>, oo7@astro.as.utexas.edu (Derek Wills) writes:

|> Furthermore, why don't people use this several week delay to do something  
|> positive?

I think most people do this..they don't really sit and stare at the wall, thinking that this is the spot to hang my licence.

For example, in the time I have been waiting, did the following:

1. Started studying code, and passed the 5wpm test.
2. Got the General class manual, and started reading
3. Researched available 2m radios, bought a used HT, and listen to nearby repeaters, especially the traffic nets etc.
4. Currently looking into getting an HF radio.
5. Attended a nearby radio club meeting

However, you get kind of bored with waiting for three to four months without being able to really participate in the hobby. Certainly, the excitement I had during the first month after I got my licence has worn down some. I don't mind waiting couple of months, but waiting \*four months or more\* is a real pain!

--vinod

email: vinod@watson.ibm.com

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Date: 24 Jun 1994 13:38:47 -0500

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!

europa.eng.gtefsd.com!sundog.tiac.net!news.sprintlink.net!bga.com!bga.com!

nobody@network.ucsd.edu

Subject: Mark Your Calendars Now!

To: info-hams@ucsd.edu

Amateur Radio Operators affiliated with the American Sunbathing Association, the Naturist Society and the Federation of Canadian Naturists will observe the 19th Annual North American Nude Awareness Celebration during the week of July 4th to 10th. We will operate near 14.265, 21.365 and 28.465 MHz +/- QRM. For certificate, please send QSL and 9 X 12 inch SASE to Bob Redoutey, KF5KF, P.O. Box 200812, Austin, TX 78720, USA.

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Bob Redoutey - Austin, TX

Amateur Radio KF5KF

redoutey@bga.com

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Date: 24 Jun 94 13:54:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: ORBS\$175.2L.AMSAT  
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-175.N  
2Line Orbital Elements 175.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT  
FROM WA5QGD FORT WORTH,TX June 24, 1994  
BID: \$ORBS-175.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ  
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ  
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN  
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

A0-10

1 14129U 83058B 94161.37059705 -.00000089 00000-0 10000-3 0 2881  
2 14129 27.0950 323.3862 6022573 185.3079 163.3129 2.05878627 82647  
U0-11

1 14781U 84021B 94173.06474633 .00000136 00000-0 30919-4 0 7021  
2 14781 97.7861 187.5613 0010677 254.9523 105.0499 14.69223055551021  
RS-10/11

1 18129U 87054A 94173.46518979 .00000041 00000-0 28006-4 0 9128  
2 18129 82.9241 324.9389 0012694 16.2450 343.9106 13.72338600350633  
A0-13

1 19216U 88051B 94166.34337152 -.00000405 00000-0 10000-4 0 9248  
2 19216 57.7884 247.1622 7213082 343.7462 2.0006 2.09724920 45974  
F0-20

1 20480U 90013C 94169.92864811 -.00000026 00000-0 19950-4 0 6988  
2 20480 99.0371 321.4208 0541031 335.5902 22.0420 12.83225784204352  
A0-21

1 21087U 91006A 94173.85683540 .00000094 00000-0 82657-4 0 4829  
2 21087 82.9437 138.5177 0037146 68.6256 291.8858 13.74541420170368  
RS-12/13

1 21089U 91007A 94173.55362644 .00000031 00000-0 16208-4 0 7023  
2 21089 82.9198 7.4681 0030653 92.3538 268.1127 13.74042547169383  
ARSENE

1 22654U 93031B 94169.23096299 -.00000111 00000-0 00000 0 0 2631  
2 22654 1.8748 99.1484 2919067 184.0582 172.2245 1.42202724 1217  
U0-14

1	20437U	90005B	94170.25444630	.000000052	00000-0	37351-4	0	35
2	20437	98.5884	255.0029	0010695	181.0504	179.0654	14.29847256229882	
AO-16								
1	20439U	90005D	94174.15857677	.000000046	00000-0	34734-4	0	8032
2	20439	98.5981	260.0929	0010970	170.1818	189.9580	14.29901446230455	
DO-17								
1	20440U	90005E	94174.18230054	.000000034	00000-0	29933-4	0	8033
2	20440	98.5989	260.4403	0011328	169.1131	191.0302	14.30040957230471	
WO-18								
1	20441U	90005F	94170.23945354	.000000029	00000-0	28035-4	0	8049
2	20441	98.5977	256.5458	0011559	181.6830	178.4313	14.30014708229919	
LO-19								
1	20442U	90005G	94170.21749238	.000000039	00000-0	32108-4	0	8015
2	20442	98.5981	256.7818	0011929	181.8684	178.2465	14.30110837229924	
UO-22								
1	21575U	91050B	94170.22487327	.000000051	00000-0	31712-4	0	5058
2	21575	98.4347	244.6813	0007038	289.9192	70.1229	14.36919982153375	
KO-23								
1	22077U	92052B	94171.73856331	-.000000037	00000-0	10000-3	0	4006
2	22077	66.0787	272.5419	0014492	286.1502	73.7921	12.86286696	87242
AO-27								
1	22825U	93061C	94170.68921790	.000000043	00000-0	35420-4	0	2999
2	22825	98.6530	246.4717	0008021	198.3357	161.7536	14.27627002	38045
IO-26								
1	22826U	93061D	94170.24955337	.000000021	00000-0	26498-4	0	2997
2	22826	98.6524	246.0735	0008442	201.6060	158.4763	14.27730782	37988
KO-25								
1	22830U	93061H	94170.75009712	.000000045	00000-0	35528-4	0	3042
2	22830	98.5519	243.7911	0011759	164.8772	195.2762	14.28057589	38067
NOAA-9								
1	15427U	84123A	94173.97538725	.000000060	00000-0	56103-4	0	8496
2	15427	99.0530	224.5347	0014389	200.3254	159.7347	14.13623340491169	
NOAA-10								
1	16969U	86073A	94173.98573515	.000000088	00000-0	55675-4	0	7471
2	16969	98.5063	182.8079	0013117	316.9677	43.0470	14.24892493403439	
MET-2/17								
1	18820U	88005A	94174.23616568	.000000060	00000-0	40390-4	0	3172
2	18820	82.5407	263.7696	0016698	158.3458	201.8401	13.84717546323190	
MET-3/2								
1	19336U	88064A	94172.49333875	.000000051	00000-0	10000-3	0	2974
2	19336	82.5371	320.6319	0015535	252.8136	107.1279	13.16967801283822	
NOAA-11								
1	19531U	88089A	94173.94820404	.000000105	00000-0	81222-4	0	6696
2	19531	99.1734	162.9988	0012451	113.2677	246.9808	14.12996322296033	
MET-2/18								
1	19851U	89018A	94170.02906472	.000000032	00000-0	15396-4	0	2975
2	19851	82.5177	142.4515	0012863	217.9326	142.0931	13.84366236267948	
MET-3/3								

1 20305U 89086A 94173.90736785 .000000044 00000-0 10000-3 0 757  
 2 20305 82.5551 266.0200 0006792 288.6019 71.4328 13.04419426223648  
 MET-2/19  
 1 20670U 90057A 94170.61725050 .000000033 00000-0 15760-4 0 8025  
 2 20670 82.5465 206.5356 0016546 134.5444 225.7070 13.84189241200951  
 FY-1/2  
 1 20788U 90081A 94173.54276226 .000000135 00000-0 11797-3 0 9987  
 2 20788 98.8349 193.5027 0016187 357.8182 2.2911 14.01357183194453  
 MET-2/20  
 1 20826U 90086A 94170.91297701 .000000037 00000-0 20025-4 0 8103  
 2 20826 82.5249 143.8132 0014961 45.0095 315.2295 13.83582915188139  
 MET-3/4  
 1 21232U 91030A 94173.49017560 .000000051 00000-0 10000-3 0 7098  
 2 21232 82.5386 165.8425 0012975 167.1756 192.9700 13.16462528152051  
 NOAA-12  
 1 21263U 91032A 94173.96212914 .000000161 00000-0 91523-4 0 721  
 2 21263 98.6176 201.6115 0011865 217.8308 142.2030 14.22419929161350  
 MET-3/5  
 1 21655U 91056A 94174.21155417 .000000051 00000-0 10000-3 0 7180  
 2 21655 82.5520 112.4922 0012569 176.3427 183.7785 13.16831335137258  
 MET-2/21  
 1 22782U 93055A 94170.53798642 .000000034 00000-0 18094-4 0 3108  
 2 22782 82.5478 204.5704 0020878 217.2674 142.7032 13.83008971 40411  
 POSAT  
 1 22829U 93061G 94170.75531118 .000000055 00000-0 39736-4 0 2922  
 2 22829 98.6497 246.6007 0009625 185.5514 174.5560 14.28030137 38068  
 MIR  
 1 16609U 86017A 94173.46326644 .00003227 00000-0 51700-4 0 6496  
 2 16609 51.6451 159.9876 0003094 70.0203 290.1120 15.56388790476867  
 HUBBLE  
 1 20580U 90037B 94173.91026419 .000000501 00000-0 34737-4 0 4999  
 2 20580 28.4693 199.2219 0006283 145.3161 214.7835 14.90629917 30249  
 GRO  
 1 21225U 91027B 94170.21861132 .00002542 00000-0 53785-4 0 1083  
 2 21225 28.4614 218.0463 0003555 230.9886 129.0384 15.40952200 57251  
 UARS  
 1 21701U 91063B 94171.91923479 -.00001878 00000-0 -14306-3 0 5423  
 2 21701 56.9839 144.1019 0005885 101.2249 258.9448 14.96459021151499  
 /EX

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Date: 24 Jun 94 13:51:00 GMT  
 From: news-mail-gateway@ucsd.edu  
 Subject: ORBS\$175.WEATH.AMSAT  
 To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-175.W



Orbital Elements 175.WEATHER

HR AMSAT ORBITAL ELEMENTS FOR WEATHER SATELLITES  
FROM WA5QGD FORT WORTH, TX June 24, 1994  
BID: \$ORBS-175.W  
TO ALL RADIO AMATEURS BT

Satellite: NOAA-9  
Catalog number: 15427  
Epoch time: 94173.97538725  
Element set: 849  
Inclination: 99.0530 deg  
RA of node: 224.5347 deg  
Eccentricity: 0.0014389  
Arg of perigee: 200.3254 deg  
Mean anomaly: 159.7347 deg  
Mean motion: 14.13623340 rev/day  
Decay rate: 6.0e-07 rev/day<sup>2</sup>  
Epoch rev: 49116  
Checksum: 314

Satellite: NOAA-10  
Catalog number: 16969  
Epoch time: 94173.98573515  
Element set: 747  
Inclination: 98.5063 deg  
RA of node: 182.8079 deg  
Eccentricity: 0.0013117  
Arg of perigee: 316.9677 deg  
Mean anomaly: 43.0470 deg  
Mean motion: 14.24892493 rev/day  
Decay rate: 8.8e-07 rev/day<sup>2</sup>  
Epoch rev: 40343  
Checksum: 340

Satellite: MET-2/17  
Catalog number: 18820  
Epoch time: 94174.23616568  
Element set: 317  
Inclination: 82.5407 deg  
RA of node: 263.7696 deg  
Eccentricity: 0.0016698  
Arg of perigee: 158.3458 deg  
Mean anomaly: 201.8401 deg  
Mean motion: 13.84717546 rev/day  
Decay rate: 6.0e-07 rev/day<sup>2</sup>  
Epoch rev: 32319  
Checksum: 328

Satellite: MET-3/2  
Catalog number: 19336  
Epoch time: 94172.49333875  
Element set: 297  
Inclination: 82.5371 deg  
RA of node: 320.6319 deg  
Eccentricity: 0.0015535  
Arg of perigee: 252.8136 deg  
Mean anomaly: 107.1279 deg  
Mean motion: 13.16967801 rev/day  
Decay rate: 5.1e-07 rev/day^2  
Epoch rev: 28382  
Checksum: 315

Satellite: NOAA-11  
Catalog number: 19531  
Epoch time: 94173.94820404  
Element set: 669  
Inclination: 99.1734 deg  
RA of node: 162.9988 deg  
Eccentricity: 0.0012451  
Arg of perigee: 113.2677 deg  
Mean anomaly: 246.9808 deg  
Mean motion: 14.12996322 rev/day  
Decay rate: 1.05e-06 rev/day^2  
Epoch rev: 29603  
Checksum: 325

Satellite: MET-2/18  
Catalog number: 19851  
Epoch time: 94170.02906472  
Element set: 297  
Inclination: 82.5177 deg  
RA of node: 142.4515 deg  
Eccentricity: 0.0012863  
Arg of perigee: 217.9326 deg  
Mean anomaly: 142.0931 deg  
Mean motion: 13.84366236 rev/day  
Decay rate: 3.2e-07 rev/day^2  
Epoch rev: 26794  
Checksum: 312

Satellite: MET-3/3  
Catalog number: 20305  
Epoch time: 94173.90736785  
Element set: 75  
Inclination: 82.5551 deg

RA of node: 266.0200 deg  
Eccentricity: 0.0006792  
Arg of perigee: 288.6019 deg  
Mean anomaly: 71.4328 deg  
Mean motion: 13.04419426 rev/day  
Decay rate: 4.4e-07 rev/day^2  
Epoch rev: 22364  
Checksum: 292

Satellite: MET-2/19  
Catalog number: 20670  
Epoch time: 94170.61725050  
Element set: 802  
Inclination: 82.5465 deg  
RA of node: 206.5356 deg  
Eccentricity: 0.0016546  
Arg of perigee: 134.5444 deg  
Mean anomaly: 225.7070 deg  
Mean motion: 13.84189241 rev/day  
Decay rate: 3.3e-07 rev/day^2  
Epoch rev: 20095  
Checksum: 285

Satellite: FY-1/2  
Catalog number: 20788  
Epoch time: 94173.54276226  
Element set: 998  
Inclination: 98.8349 deg  
RA of node: 193.5027 deg  
Eccentricity: 0.0016187  
Arg of perigee: 357.8182 deg  
Mean anomaly: 2.2911 deg  
Mean motion: 14.01357183 rev/day  
Decay rate: 1.35e-06 rev/day^2  
Epoch rev: 19445  
Checksum: 327

Satellite: MET-2/20  
Catalog number: 20826  
Epoch time: 94170.91297701  
Element set: 810  
Inclination: 82.5249 deg  
RA of node: 143.8132 deg  
Eccentricity: 0.0014961  
Arg of perigee: 45.0095 deg  
Mean anomaly: 315.2295 deg  
Mean motion: 13.83582915 rev/day  
Decay rate: 3.7e-07 rev/day^2

Epoch rev: 18813  
Checksum: 298

Satellite: MET-3/4  
Catalog number: 21232  
Epoch time: 94173.49017560  
Element set: 709  
Inclination: 82.5386 deg  
RA of node: 165.8425 deg  
Eccentricity: 0.0012975  
Arg of perigee: 167.1756 deg  
Mean anomaly: 192.9700 deg  
Mean motion: 13.16462528 rev/day  
Decay rate:  $5.1e-07$  rev/day<sup>2</sup>  
Epoch rev: 15205  
Checksum: 305

Satellite: NOAA-12  
Catalog number: 21263  
Epoch time: 94173.96212914  
Element set: 72  
Inclination: 98.6176 deg  
RA of node: 201.6115 deg  
Eccentricity: 0.0011865  
Arg of perigee: 217.8308 deg  
Mean anomaly: 142.2030 deg  
Mean motion: 14.22419929 rev/day  
Decay rate:  $1.61e-06$  rev/day<sup>2</sup>  
Epoch rev: 16135  
Checksum: 276

Satellite: MET-3/5  
Catalog number: 21655  
Epoch time: 94174.21155417  
Element set: 718  
Inclination: 82.5520 deg  
RA of node: 112.4922 deg  
Eccentricity: 0.0012569  
Arg of perigee: 176.3427 deg  
Mean anomaly: 183.7785 deg  
Mean motion: 13.16831335 rev/day  
Decay rate:  $5.1e-07$  rev/day<sup>2</sup>  
Epoch rev: 13725  
Checksum: 298

Satellite: MET-2/21  
Catalog number: 22782  
Epoch time: 94170.53798642

Element set: 310  
Inclination: 82.5478 deg  
RA of node: 204.5704 deg  
Eccentricity: 0.0020878  
Arg of perigee: 217.2674 deg  
Mean anomaly: 142.7032 deg  
Mean motion: 13.83008971 rev/day  
Decay rate: 3.4e-07 rev/day^2  
Epoch rev: 4041  
Checksum: 291

/EX

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Date: 24 Jun 1994 18:34:52 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!nntp.msstate.edu!ukma!  
newsfeed.gsfc.nasa.gov!usenet@network.ucsd.edu  
Subject: RFI re: words for alphabet  
To: info-hams@ucsd.edu

In article <2uesqd\$j9q@b11.b11.ingr.com> nsparker@ingr.com (Nick Parker) writes:

>Does anyone have a listing of the word equivalents for the alphabet

>(alpha=a, bravo=b, etc) they could post or email?

>

charlie

delta

echo

foxtrot

golf

hotel

india

juliette

kilo

mike

november

oscar

papa

quebec (pronounced 'kay-bec)

romeo

sierra

tango

uniform

victor

whiskey

x-ray

yankee

zulu

or, the old way

able  
baker  
charlie  
dog  
easy  
fox  
george  
how  
item  
jig  
king  
love  
mike  
nan  
oboe  
peter  
queen  
roger  
sugar  
tare  
uncle  
victor  
william  
x-ray  
yoke  
zebra

if I remember right?

-----  
Date: Fri, 24 Jun 1994 20:05:04 GMT  
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!  
travelers.mail.cornell.edu!news.kei.com!wang!dbushong@network.ucsd.edu  
Subject: RFI re: words for alphabet  
To: info-hams@ucsd.edu

kirk@neptune.gsfc.nasa.gov (Robert Kirk) writes:

>In article <2uesqd\$j9q@b11.b11.ingr.com> nsparker@ingr.com (Nick Parker) writes:  
>>Does anyone have a listing of the word equivalents for the alphabet  
>>(alpha=a, bravo=b, etc) they could post or email?  
>>  
>charlie  
>deta

>echo  
>foxtrot  
>gof  
>hote  
>india  
>juiette  
>kio  
>mike  
>november  
>oscar  
>papa  
>quebec (pronounced 'kay-bec)  
>romeo  
>sierra  
>tango  
>uniform  
>victor  
>whiskey  
>x-ray  
>yankee  
>zuu

We'll give Robert an A-minus simply because he got 25 of 26 Letters right. I've taken the Liberty of making some sLight changes to his posting to help iLLustrate what the missing Letter was.

Another cLue? It rhymes with that new obnoxious cLear maLt Liquor.

Dave, KZ10

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Dave Bushong, Wang Laboratories, Inc.

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Date: Fri, 24 Jun 1994 20:55:42 GMT  
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!  
travelers.mail.cornell.edu!news.kei.com!wang!dbushong@network.ucsd.edu  
Subject: RFI re: words for alphabet  
To: info-hams@ucsd.edu

bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

>In article <2uesqd\$j9q@b11.b11.ingr.com> nsparker@ingr.com (Nick Parker) writes:  
>>Does anyone have a listing of the word equivalents for the alphabet  
>>(alpha=a, bravo=b, etc) they could post or email?

>How about ;-)

My contributions, intermingled with Nick's:

a aesop (esop)  
b beep (make the sound)  
c czar  
d djakarta, disregard  
e euphoria  
f four, five  
g gnaw, gnome  
h honour  
i ignotum per ignotius (latin for "the unknown by the more unknown")  
j juan  
k knowledge, knife  
l lexiphanic  
m mnemonic  
n nine  
o oedipus  
p pseudo  
q qatar  
r repeat  
s syzygy, supercalifragilisticexpialidocious  
t tzar  
u urn  
v five (roman numeral)  
w wrong  
x xylophone  
y you  
z zero

Dave, KZ10 (that's Knife Zero 1 One)

--

Dave Bushong, Wang Laboratories, Inc.

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Date: 24 Jun 1994 15:00:05 GMT

From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!  
usc!elroy.jpl.nasa.gov!news.aero.org!sparky1.aero.org!cantrell@network.ucsd.edu  
To: info-hams@ucsd.edu

References <2ucjai\$3nj@jericho.mc.com>, <19940623114622CSMSCST@MVS.OAC.UCLA.EDU>,  
<2ucuhl\$9bk@apakabar.cc.columbia.edu>.nas  
Subject : Re: Bitching and Moaning

In article <2ucuhl\$9bk@apakabar.cc.columbia.edu>, fuat@tintin.cc.columbia.edu  
(Fuat C. Baran) writes:  
|>



|> Just because people had to walk 50 miles, barefeet, uphill both ways,  
|> in the middle of winter, to get to the test session back then doesn't  
|> mean that the current system can't be improved.  
|>  
|> --Fuat

You forgot the snow blowing in their faces each way!

cantrell

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End of Info-Hams Digest V94 #701

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